

PTO/SB/17 (10-07)

Approved for use through 06/30/2010. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2008

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 100.00)

| Complete if Known | |
|--------------------------|--------------------------|
| Application Number | Patent#: 7282564 B2 |
| Filing Date | Issued: October 16, 2007 |
| First Named Inventor | Craig C. MELLO |
| Examiner Name | M. Monshipouri |
| Art Unit | 1656 |
| Attorney Docket No. | UMY-052DV1 |

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: 12-0080 Deposit Account Name: Lahive & Cockfield, LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

| | |
|---|---|
| <input type="checkbox"/> Charge fee(s) indicated below | <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee |
| <input type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 | <input checked="" type="checkbox"/> Credit any overpayments |

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| <u>Application Type</u> | <u>FILING FEES</u> | | <u>SEARCH FEES</u> | | <u>EXAMINATION FEES</u> | | |
|-------------------------|--------------------|---------------------|--------------------|---------------------|-------------------------|---------------------|-----------------------|
| | <u>Fee (\$)</u> | <u>Small Entity</u> | <u>Fee (\$)</u> | <u>Small Entity</u> | <u>Fee (\$)</u> | <u>Small Entity</u> | <u>Fees Paid (\$)</u> |
| Utility | 310 | 155 | 510 | 255 | 210 | 105 | |
| Design | 210 | 105 | 100 | 50 | 130 | 65 | |
| Plant | 210 | 105 | 310 | 155 | 160 | 80 | |
| Reissue | 310 | 155 | 510 | 255 | 620 | 310 | |
| Provisional | 210 | 105 | 0 | 0 | 0 | 0 | |

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

| <u>Small Entity</u> | |
|---------------------|-----------------|
| <u>Fee (\$)</u> | <u>Fee (\$)</u> |
| 50 | 25 |
| 210 | 105 |

Each independent claim over 3 (including Reissues)

370 185

Multiple dependent claims

| | | | | | |
|---------------------|---------------------|-----------------|----------------------|----------------------------------|----------------------|
| <u>Total Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> | <u>Multiple Dependent Claims</u> | |
| - = | x | = | | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |

HP = highest number of total claims paid for, if greater than 20.

| | | | |
|----------------------|---------------------|-----------------|----------------------|
| <u>Indep. Claims</u> | <u>Extra Claims</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
| - = | x | = | |

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$260 (\$130 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| | | | | |
|---------------------|---------------------|---|-----------------|----------------------|
| <u>Total Sheets</u> | <u>Extra Sheets</u> | <u>Number of each additional 50 or fraction thereof</u> | <u>Fee (\$)</u> | <u>Fee Paid (\$)</u> |
| - 100 = | /50 = | (round up to a whole number) x | = | |

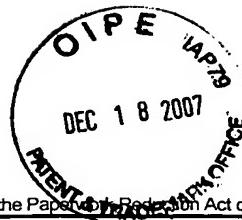
4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1811 Certificate of correction

100.00

| <u>SUBMITTED BY</u> | | <u>Registration No.</u> <u>(Attorney/Agent)</u> | <u>Telephone</u> | <u>Date</u> |
|---------------------|---------------------------|--|------------------|-------------------|
| Signature | | 46,931 | (617) 994-0781 | |
| Name (Print/Type) | Debra J. Milasincic, Esq. | | | December 18, 2007 |



PTO/SB/21 (10-07)

Approved for use through 10/31/2007. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperless Reception Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

| | | |
|--|------------------------|--------------------------|
| Total Number of Pages in This Submission | Application Number | Patent#: 7282564 B2 |
| | Filing Date | Issued: October 16, 2007 |
| | First Named Inventor | Craig C. MELLO |
| | Art Unit | 1656 |
| | Examiner Name | M. Monshipouri |
| | Attorney Docket Number | UMY-052DV1 |

ENCLOSURES (Check all that apply)

| | | |
|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to TC |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Terminal Disclaimer | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Request for Refund | Request for Certificate of Correction Certificate of Correction Return Receipt Postcard |
| <input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> CD, Number of CD(s) _____ | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> Landscape Table on CD | |
| <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application | <input type="checkbox"/> Remarks | |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|--------------|---------------------------|----------|--------|
| Firm Name | LAHIVE & COCKFIELD, LLP | | |
| Signature | | | |
| Printed name | Debra J. Milasincic, Esq. | | |
| Date | December 18, 2007 | Reg. No. | 46,931 |

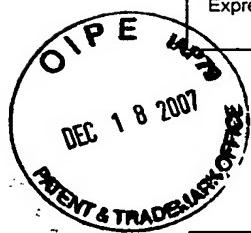
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Express Mail Label No. EV 957 646 428 US Dated: December 18, 2007

Docket No.: UMY-052DV1
(PATENT)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Letters Patent of:
Craig C. Mello *et al.*

Patent No.: 7282564 B2

Issued: October 16, 2007

For: RNA INTERFERENCE PATHWAY GENES AS
TOOLS FOR TARGETED GENETIC
INTERFERENCE

Certificate

DEC 26 2007

of Correction

**REQUEST FOR CERTIFICATE OF CORRECTION
PURSUANT TO 37 CFR 1.323**

Attention: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Upon reviewing the above-identified patent, Patentee noted a typographical error which should be corrected.

In the Specification:

Please delete Column 1, lines 16 through 18, (Statement as to Federally Sponsored Research),

"Funding for the work described herein was provided by the federal government (GM58800 and GM37706), which has certain rights in the invention." and replace with

--Funding for the work described herein was made with government support under grant numbers GM58800 and GM37706, awarded by the National Institutes of Health.—

The error was found in the application as filed by applicant. Please charge our Deposit Account No. 12-0080 in the amount of \$100.00 covering the fee set forth in 37 CFR 1.20(a).

12/20/2007 WABDELR1 00000001 120080
7282564

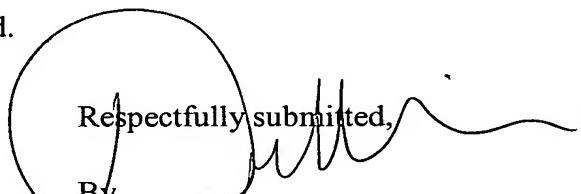
100.00 DA
01 FC:1011

The error now sought to be corrected is an inadvertent typographical error the correction of which does not involve new matter or require reexamination.

Transmitted herewith is a proposed Certificate of Correction effecting such amendment. Patentee respectfully solicits the granting of the requested Certificate of Correction.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 12-0080, under Order No. UMY-052DV1. A duplicate copy of this paper is enclosed.

Dated: December 18, 2007

Respectfully submitted,
By _____

Debra J. Milasincic, Esq.
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(617) 227-7400
(617) 742-4214 (Fax)
Attorney/Agent For Applicant

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTIONPage 1 of 1

PATENT NO. : 7282564 B2
APPLICATION NO. : 10/645,746
ISSUE DATE : October 16, 2007
INVENTOR(S) : Craig C. MELLO *et al.*

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, Lines 16 through 18 replace

"Funding for the work described herein was provided by the federal government (GM58800 and GM37706), which has certain rights in the invention."

With

--Funding for the work described herein was made with government support under grant numbers GM58800 and GM37706, awarded by the National Institutes of Health.--

Express Mail Label No. EV 957 646 428 US Dated: December 18, 2007

MAILING ADDRESS OF SENDER:
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Boston, Massachusetts 02109-2127